

Application Modules without ARM and mapping table: an example

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Background

- Previous presentations identified the issues
 - WG10 N129 (Florence)
 - WG10 N143 (London)
- Having two data models in an AP (or a module) is potentially confusing:
 - effort by AP projects in detailed data modelling at "ARM" level
 - role of ARM vs AIM in implementation

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- Scope
 - Normative references
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 - Information requirements
 - Usage of integrated resources
 - EXPRESS-G
 - ***No ARM, no mapping table***

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Natural language

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- "GPDM" basis

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Usage of integrated resources

- Imported *EXPRESS* constructs
- Specializations for the scope of the module
- Meaning and intended usage of *all* attributes
 - refinement of IR definitions
 - applicability
 - value constraints, etc., should be specified in *EXPRESS*

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Sample application module

- Similar scope to PDES, Inc. example ("Part 601")
- Identification of designs of discrete, manufactured products
 - part-numbered, not serial-numbered
- **NOT YET COMPLETE!**
- May not be the best example to chose
 - too "STEP-specific"?

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